Cole-Parmer® Glass-Body Combination pH and ORP Electrodes

Faster response and increased stability across 0 to 14 pH range

- More durable—dome bulb for better protection from breakage
- Withstand higher temperatures and chemical attack
- Get more stability in low-ionic strength solutions
- Resistant to Na^+ ion interferences
- Compatible with most brands of pH meters

Available as refillable or sealed design for single, double, and annular Ag/AgCl junctions. Single-junction is ideal for clean samples; double junction is compatible with sulfates, Tris, and proteins; and annular junction is ideal for dirty samples.

What's included: 3.3-ft (1-m) cable and BNC connector.

Cole-Parmer®

Key	Description	Reference junction	Type	Maximum temperature	Length x dia (mm)	Catalog number	Price
General-purpose pH electrodes							
A	General-purpose, laboratory	Single	Refillable	212°F (100°C)	154 x 12	GY-05991-22	
	General-purpose for TRIS, sulfates, proteins	Double			154 x 12	GY-59001-34	
B	Rugged, low maintenance	Single	Sealed	212°F (100°C)	123 x 9.5	GY-05991-81	
	Rugged for TRIS, sulfates, proteins	Double			124 x 9.5	GY-59001-36	
C	General-purpose, thin neck	Single	Refillable†	212°F (100°C)	154 x 8	GY-05991-42	
D	Long neck for small test tubes				210 x 6	GY-05991-61	
E	Long neck for large test tubes				210 x 8	GY-05991-51	
F	Extra-long neck for flasks and bottles				326 x 8	GY-05990-40	
Special-purpose pH electrodes							
G	High temperature, KNO_3 gel	Double	Sealed	248°F (120°C)	130 x 12	GY-05998-30	
H	Spear tip for piercing semisolids and foods	Single	Sealed	212°F (100°C)	159 x 8	GY-05998-20	
I	Soil electrode, eliminates "suspension effect"	Annular	Refillable†	212°F (100°C)	145 x 12	GY-05992-62	
J	Flat-tip for surface or low volume sampling	Double	Refillable†	212°F (100°C)	130 x 12	GY-05991-44	
ORP electrodes							
A	General purpose	Single	Sealed	212°F (100°C)	110 x 12	GY-05991-08	
	For dirty samples	Double				GY-05991-18	

†Use fill solution 05992-47.

Accessories

GY-05992-47 **Reference fill solution** for refillable electrodes, 3.8 M KCl with AgCl. Two 125-mL bottles

GY-05983-25 **Adapter,** BNC to US standard plug meter